

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-18 (canceled).

Claim 19 (new): Apparatus for detecting radiating and non-radiating electronic devices, comprising:

- at least one non-radiating device sensor for actively transmitting a detection signal which detection signal is adapted to trigger a response from a normally non-radiating device;

- at least one radiating device sensor for passively receiving a signal generated by a radiating device; and

- at least one controller for consecutively activating operation of the at least one non-radiating device sensor and the at least one radiating device sensor during sequential time slots.

Claim 20 (new): The apparatus of claim 19 in which the at least one non-radiating device sensor includes a transmit/receive antenna for detection of metals and/or semiconductors.

Claim 21 (new): The apparatus of claim 19 in which the at least one non-radiating device sensor includes a cable checking sensor.

Claim 22 (new): The apparatus of claim 19 in which the at least one radiating device sensor includes any one or more of:

- a receive antenna for detection of radiating devices;

- an infra red sensor; and

a cable checking sensor for detection of electrical and/or electromagnetic signals on a cable.

Claim 23 (new): The apparatus of claim 19 further including a non-radiating device detector coupled to the at least one non-radiating device sensor.

Claim 24 (new): The apparatus of claim 19 further including at least one radiating device detector coupled to the at least one radiating device sensor.

Claim 25 (new): The apparatus of claim 24 in which the at least one radiating device detector includes a harmonic receiver.

Claim 26 (new): The apparatus of claim 24 in which the at least one radiating device detector comprises a broadband receiver.

Claim 27 (new): The apparatus of claim 24 in which the at least one radiating device detector comprises any one or more of a digital voltmeter, an audio amplifier and an oscilloscope.

Claim 28 (new): The apparatus of claim 19 further including a digital signal processor for processing signals output from any one or more of the at least one non-radiating device sensor and the at least one radiating device sensor.

Claim 29 (new): The apparatus of claim 19 housed in a single portable casing.

Claim 30 (new): The apparatus of claim 19 including said at least one radiating device sensor and at least two said non-radiating device sensors, the at least one controller allocating different time slots to each of the non-radiating device sensors and to the at least one radiating device sensor.

Claim 31 (new): The apparatus of claim 19 in which the at least one radiating device sensor is provided in a first housing having a first controller, and the at least one non-radiating device sensor is provided in a second housing having a second controller, and in which the controllers are in communication with one another for coordinating said consecutively activated operation of the at least one non-radiating device sensor and the at least one radiating device sensor during sequential time slots.

Claim 32 (new): Apparatus for detecting radiating electronic devices, comprising:

- at least one radiating device sensor for passively receiving a signal generated by a radiating device;

- a controller, in communication with at least one remote non-radiating device sensor which sensor actively transmits a detection signal to trigger a response from a normally non-radiating device, for consecutively activating operation of the remote non-radiating device sensor and the local radiating device sensor during sequential time slots.

Claim 33 (new): Apparatus for detecting non-radiating electronic devices, comprising:

- at least one non-radiating device sensor for actively transmitting a detection signal to trigger a response from a normally non-radiating device;

- a controller, in communication with at least one remote radiating device sensor which sensor passively receives a signal generated by a radiating device, for consecutively activating operation of the local non-radiating device sensor and the remote radiating device sensor during sequential time slots.

Claim 34 (new): A method of detecting radiating and non-radiating electronic devices, comprising:

activating at least one non-radiating device sensor that actively transmits a detection signal which detection signal is adapted to trigger a response from a normally non-radiating device;

activating at least one radiating device sensor for passively receiving a signal generated by a radiating device; and

automatically synchronizing the activation of the non-radiating device sensor and the radiating device sensor for consecutive operation of the non-radiating device sensor and the radiating device sensor during sequential time slots.

Claim 35 (new): Apparatus for detecting radiating and non-radiating electronic devices, comprising any two or more of the following non-radiating device sensors and radiating device sensors and their associated detectors, selected from:

a non-linear junction detector/radio jammer; a metal detector, a harmonic receiver, a broadband detector, a spectrum analyser, a single and/or multiple frequency receiver, a frequency counter, a cable checker;

the non-radiating device sensors for actively transmitting a detection signal which detection signal is adapted to trigger a response from a normally non-radiating device and the radiating device sensors for passively receiving a signal generated by a radiating device; and

synchronization means for enabling consecutive activation and operation of any non-radiating device sensors/detectors and radiating device sensors/detectors during sequential time slots.

Claim 36 (new): Apparatus for detecting radiating and non-radiating electronic devices, comprising:

at least one non-radiating device sensor for actively transmitting a detection signal which detection signal is adapted to trigger a response from a normally non-radiating device;

at least one radiating device sensor for passively receiving a signal generated by a radiating device; and

synchronization means for consecutively activating operation of the at least one non-radiating device sensor and the at least one radiating device sensor during sequential time slots.

Claim 37 (new): The apparatus of claim 36, wherein the at least one non-radiating device sensor includes means for receiving a response from the normally non-radiating device.

Claim 38 (new): The apparatus of claim 36 further including digital signal processing means for processing signals output from any one or more of the at least one non-radiating device sensor and the at least one radiating device sensor.